



# Manufacturers' Shipments, Inventories, and Orders

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Note: All figures in text are in seasonally adjusted current dollars

## Summary

New orders for manufactured goods in August increased \$12.2 billion or 4.4 percent to \$286.5 billion, the largest increase since December 1992, the Department of Commerce, Bureau of the Census reported today. This follows a 2.0 percent decrease in July and is the eleventh increase in the last thirteen months. Year-to-date new orders for 1994 are 9.3 percent above the same period a year ago.

Shipments increased \$12.4 billion or 4.5 percent to \$287.9 billion, following a 1.1 percent decrease in July. This is the largest increase since May 1979 and is the tenth increase in the last thirteen months. Year-to-date shipments for 1994 are 8.0 percent above the same period a year ago.

Unfilled orders decreased \$1.4 billion or 0.3 percent to \$447.2 billion, following a 0.3 percent decline in July. The unfilled orders-to-shipments ratio decreased to 2.89 from 2.99 in July, the lowest since May 1964.

Inventories increased \$0.4 billion or 0.1 percent to \$387.1 billion, following a 0.9 percent increase in July. This is the seventh increase this year. The inventories-to-shipments ratio decreased from 1.40 in July to 1.34 in August, the lowest on record.

## New Orders

New orders for manufactured durable goods in August increased \$8.9 billion or 6.1 percent to \$154.2 billion, following a 3.9 percent decrease last month. The August percent change is revised from the previously published 6.0 percent increase. The increase is the eleventh in the last thirteen months and the largest since December 1992. Motor vehicles and parts, which was heavily affected by the growing practice of shutting down for two weeks in July, contributed to over half of this month's increase and over half of last month's decline.

Transportation equipment had the largest increase, up \$6.2 billion or 19.3 percent to \$38.5 billion, primarily due to motor vehicles and parts and aircraft and aircraft parts. Industrial machinery and equipment was up \$1.3 billion or 4.6 percent to \$29.8 billion, following a 1.2 percent decline in July; nearly all components increased in August with engines and turbines having the largest increase. Primary metals increased \$0.5 billion or 4.0 percent to \$13.5 billion, following a 0.6 percent decrease in July.

New orders for nondurable goods were \$132.3 billion, up \$3.2 billion or 2.5 percent from July, the tenth consecutive increase and the largest since August 1990. All major industries increased except leather and leather products.

## Shipments

Shipments of durable goods in August increased \$9.1 billion or 6.2 percent to \$155.6 billion, following a 2.4

percent decline in July. The August percent change is revised from the previously published 6.1 percent increase. This is the fifth increase this year and the largest since August 1989. All major groups increased with transportation equipment having the largest increase, up \$5.9 billion or 17.0 percent to \$40.6 billion, primarily due to motor vehicles and parts. This is the largest increase since the 22.0 percent increase in February 1990. Industrial machinery and equipment was up \$1.2 billion or 4.3 percent to \$28.4 billion. This follows a July increase of 0.5 percent and is the fourth consecutive monthly increase. Primary metals was up \$0.5 billion or 3.9 percent to \$13.3 billion, the seventh consecutive increase.

Shipments of nondurable goods increased \$3.2 billion or 2.5 percent to \$132.2 billion, the tenth consecutive monthly increase and the largest since August 1990.

## Unfilled Orders

Unfilled orders for durable goods in August decreased \$1.4 billion or 0.3 percent to \$423.1 billion. The percent change is the same as reported earlier. This is the second consecutive decline following three increases in a row. Transportation equipment, down twenty-seven of the last twenty-eight months, had the largest decrease, down \$2.0 billion or 1.0 percent to \$204.2 billion, due to aircraft and parts and shipbuilding and tanks. Electronic and other electrical equipment declined \$0.7 billion or 1.5 percent to \$45.4 billion, following a 1.3 percent decline in July. Industrial machinery and equipment, up for the fourteenth consecutive month, had the largest increase, up \$1.4 billion or 2.2 percent to \$63.0 billion, with increases in nearly all categories. Unfilled orders for nondurable goods increased 0.1 percent to \$24.1 billion, the tenth consecutive increase.

## Inventories

Inventories for durable goods in August increased \$0.6 billion or 0.3 percent to \$244.0 billion, following a 1.0 percent increase in July. This is the fifth consecutive increase and the seventh this year. Electronic and other electrical equipment had the largest increase, up \$0.6 billion or 1.5 percent to \$37.7 billion, the twentieth increase in the last twenty-two months. Industrial machinery and equipment increased \$0.4 billion or 0.8 percent to \$49.3 billion, the seventeenth consecutive increase. Transportation equipment decreased \$0.4 billion or 0.6 percent to \$60.2 billion, primarily due to motor vehicles and parts. Nondurable goods inventories decreased \$0.2 billion or 0.1 percent to \$143.1 billion, the first decline since April.

By stage of fabrication, finished goods increased 0.7 percent in durables and declined 0.3 percent in nondurables. Work in process decreased 0.1 percent in durables and 0.1 percent in nondurables. Materials and supplies increased 0.4 percent in durables and were unchanged for nondurables.

**Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS**  
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted <sup>1</sup>						
	Monthly			Percent Change			Monthly				Percent change	Year to date	
	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	July-Aug.	June-July	May-June	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	Aug. 1993		1994 <sup>p</sup>	1993
All manufacturing industries . . . . .	287,860	275,485	278,566	+4.5	-1.1	+0.8	287,865	250,532	300,347	256,056	+12.4	2,188,343	2,023,338
Manufacturing Industries													
with unfilled orders . . . . .	154,800	149,922	150,840	+3.3	-0.6	+1.1	153,171	134,095	163,628	136,292	+12.4	1,170,337	1,070,026
without defense capital goods . . .	280,743	268,647	271,706	+4.5	-1.1	+0.8	281,011	244,368	292,977	249,304	+12.7	2,135,048	1,966,196
Durable goods industries . . . . .	155,614	146,472	150,010	+6.2	-2.4	+1.0	152,453	126,385	165,101	131,934	+15.6	1,173,912	1,052,858
With unfilled orders . . . . .	122,107	117,949	119,088	+3.5	-1.0	+1.1	119,668	103,728	131,266	106,234	+12.6	924,136	837,817
Stone, clay, and glass products . . .	6,826	6,747	6,661	+1.2	+1.3	+0.9	7,318	6,558	7,336	6,247	+17.1	52,431	45,288
Primary metals . . . . .	13,305	12,805	12,734	+3.9	+0.6	+0.5	13,446	11,650	13,514	11,452	+17.4	100,537	91,681
Blast furnaces, steel mills . . . .	5,909	5,706	5,645	+3.6	+1.1	-0.4	5,933	5,205	5,936	5,357	+10.8	45,299	41,923
Iron and steel foundries . . . . .	1,271	1,183	1,154	+7.4	+2.5	-0.3	1,302	935	1,260	1,055	+23.4	9,456	8,180
Nonferrous and other primary metals . . . . .	6,125	5,916	5,935	+3.5	-0.3	+1.5	6,211	5,510	6,318	5,040	+23.2	45,782	41,578
Fabricated metal products . . . . .	15,745	15,149	14,954	+3.9	+1.3	-0.7	15,839	13,509	16,015	14,195	+11.6	119,868	111,379
Industrial machinery and equipment .	28,417	27,253	27,125	+4.3	+0.5	+0.7	26,262	23,495	31,404	22,040	+19.2	211,408	183,408
Engines and turbines . . . . .	1,939	1,643	2,033	+18.0	-19.2	+14.3	1,729	1,202	2,435	1,376	+25.7	13,685	11,545
Farm and garden machinery . . . .	1,957	1,790	1,707	+9.3	+4.9	-5.7	1,485	1,334	1,762	1,093	+35.9	14,885	12,362
Construction, mining and material handling equipment . . . . .	2,867	2,767	2,693	+3.6	+2.7	+0.9	2,747	2,513	2,944	2,298	+19.5	21,652	19,646
Metalworking machinery . . . . .	3,087	2,980	2,762	+3.6	+7.9	-3.6	2,917	2,472	2,975	2,352	+24.0	21,712	19,661
Computer and office equipment . . .	7,369	7,178	7,343	+2.7	-2.2	+2.4	6,551	5,646	9,711	5,869	+11.6	54,350	46,493
Electronic and other electrical equipment . . . . .	23,160	22,795	22,649	+1.6	+0.6	+1.3	22,886	20,290	24,422	19,426	+17.8	172,882	147,198
Electrical transmission and distribution equipment and industrial apparatus . . . . .	2,662	2,646	2,636	+0.6	+0.4	+2.2	2,601	2,353	2,885	2,358	+10.3	20,687	18,844
Household appliances . . . . .	1,933	1,879	1,915	+2.9	-1.9	+1.6	1,974	1,803	2,176	1,734	+13.8	14,970	13,102
Electric lighting and wiring equipment . . . . .	1,862	1,809	1,753	+2.9	+3.2	-0.2	1,828	1,529	1,890	1,616	+13.1	13,859	13,050
Household audio and video equipment . . . . .	1,084	1,069	1,012	+1.4	+5.6	-5.9	1,184	948	911	1,020	+16.1	7,353	6,637
Communications equipment . . . . .	5,083	5,039	5,016	+0.9	+0.5	+3.9	4,836	4,354	5,642	3,811	+26.9	37,017	28,926
Electronic components . . . . .	8,350	8,021	8,146	+4.1	-1.5	+2.5	8,367	7,373	8,622	6,875	+21.7	62,129	52,080
Transportation equipment . . . . .	40,567	34,669	38,600	+17.0	-10.2	+2.5	38,755	25,997	42,830	32,645	+18.7	304,069	274,855
Motor vehicles and parts . . . . .	29,201	23,954	27,102	+21.9	-11.6	+0.8	27,899	16,392	30,010	21,192	+31.6	216,474	181,544
Aircraft, missiles, space vehicles, and parts . . . . .	8,650	8,242	8,364	+5.0	-1.5	+4.8	8,109	7,291	9,598	9,167	-11.5	66,026	74,328
Shipbuilding and tanks . . . . .	935	850	1,322	+10.0	-35.7	+16.4	918	807	1,396	928	-1.1	7,921	7,605
Instruments and related products . . .	11,212	10,868	11,099	+3.2	-2.1	+0.5	10,892	9,795	12,222	10,467	+4.1	85,546	83,234
Search and navigation equipment . .	2,541	2,608	2,472	-2.6	+5.5	-1.2	2,413	2,306	2,712	2,475	-2.5	19,239	20,864
Measuring and controlling devices . .	3,285	3,139	3,219	+4.7	-2.5	+0.2	3,236	2,806	3,442	2,886	+12.1	25,027	22,683
Medical instruments and supplies . .	3,057	3,006	3,011	+1.7	-0.2	+1.5	2,984	2,775	3,292	2,906	+2.7	23,493	22,940
Photographic goods . . . . .	1,952	1,773	2,016	+10.1	-12.1	+1.6	1,874	1,572	2,357	1,856	+1.0	14,874	14,074
All other durable goods . . . . .	16,382	16,186	16,188	+1.2	0.0	+0.1	17,055	15,091	17,358	15,462	+10.3	127,171	115,815
Nondurable goods industries . . . . .	132,246	129,013	128,556	+2.5	+0.4	+0.7	135,412	124,147	135,246	124,122	+9.1	1,014,431	970,480
With unfilled orders . . . . .	32,693	31,973	31,752	+2.3	+0.7	+1.2	33,503	30,367	32,362	30,058	+11.5	246,201	232,209
Food and kindred products . . . . .	35,775	35,179	35,504	+1.7	-0.9	+1.7	36,243	33,698	36,879	35,577	+1.9	279,700	270,363
Meat products . . . . .	8,134	8,088	7,899	+0.6	+2.4	+0.8	8,411	7,946	8,182	8,300	+1.3	63,906	63,033
Dairy products . . . . .	4,590	4,503	4,543	+1.9	-0.9	-1.0	4,714	4,488	4,824	4,630	+1.8	36,871	35,778
Beverages . . . . .	5,329	5,184	5,254	+2.8	-1.3	+1.6	5,761	5,426	6,077	5,483	+5.1	42,146	39,612
All other foods, except fats and oils .	15,887	15,756	15,954	+0.8	-1.2	+2.8	15,522	14,190	15,942	15,387	+0.9	122,306	118,283
Tobacco products . . . . .	2,830	2,774	2,431	+2.0	+14.1	-3.7	2,802	2,516	2,854	1,871	+49.8	21,433	20,375
Textile mill products . . . . .	6,248	6,195	6,253	+0.9	-0.9	+1.0	6,681	5,511	6,904	6,288	+6.3	48,431	46,237
Broadwoven fabrics and other textiles . . . . .	3,872	3,827	3,910	+1.2	-2.1	+1.8	4,093	3,317	4,254	3,764	+8.7	30,109	28,761
Paper and allied products . . . . .	11,705	11,347	11,209	+3.2	+1.2	+0.4	12,039	11,144	11,751	10,865	+10.8	88,914	86,254
Pulp, paper, and paperboard mill products . . . . .	4,672	4,480	4,411	+4.3	+1.6	+0.3	4,770	4,457	4,613	4,351	+9.6	35,129	34,936
Paperboard containers and boxes . .	3,108	2,974	2,937	+4.5	+1.3	+1.3	3,242	2,906	3,062	2,732	+18.7	23,156	21,283
Miscellaneous converted paper products . . . . .	3,925	3,893	3,861	+0.8	+0.8	-0.2	4,027	3,781	4,076	3,782	+6.5	30,629	30,035
Chemicals and allied products . . . .	28,991	28,082	28,089	+3.2	0.0	+0.2	28,885	26,746	30,149	25,560	+13.0	224,284	209,925
Industrial chemicals . . . . .	15,253	14,809	14,727	+3.0	+0.6	+0.8	15,482	14,515	15,660	13,433	+15.3	116,970	108,600
Drugs, soaps, and toiletries . . . .	10,432	10,092	10,134	+3.4	-0.4	-0.6	10,359	9,334	10,747	9,525	+8.8	79,411	75,777
Petroleum and coal products . . . . .	12,785	12,405	12,163	+3.1	+2.0	+2.5	13,603	12,873	13,071	12,452	+9.2	94,149	99,956
Rubber and plastics products . . . . .	9,709	9,269	9,382	+4.7	-1.2	-0.6	9,877	8,659	10,264	8,747	+12.9	75,108	69,433
All other nondurable goods . . . . .	24,203	23,762	23,525	+1.9	+1.0	-0.3	25,282	23,000	23,374	22,762	+11.1	182,412	167,937

<sup>p</sup> Preliminary. <sup>r</sup> Revised.

<sup>1</sup> Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

See note at end of table 2 relating to survey variability.

**Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS**  
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted <sup>1</sup>						
	Monthly			Percent Change			Monthly				Percent change	Year to date	
	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	July-Aug.	June-July	May-June	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	Aug. 1993	Aug. 94/93	1994 <sup>p</sup>	1993
All manufacturing industries . . . . .	286,459	274,305	279,788	+4.4	-2.0	+0.8	284,709	250,853	298,809	252,422	+12.8	2,197,681	2,006,586
Manufacturing industries with unfilled orders . . . . .	153,399	148,742	152,062	+3.1	-2.2	+1.1	150,015	134,416	162,090	132,658	+13.1	1,179,675	1,053,274
without defense capital goods . . . . .	280,487	268,759	272,737	+4.4	-1.5	+0.9	280,127	246,061	291,529	246,660	+13.6	2,151,519	1,957,784
Durable goods industries . . . . .	154,180	145,251	151,212	+6.1	-3.9	+1.2	149,203	126,414	163,603	128,446	+16.2	1,179,037	1,035,185
With unfilled orders . . . . .	120,673	116,728	120,290	+3.4	-3.0	+1.4	116,418	103,757	129,768	102,746	+13.3	929,261	820,144
Stone, clay, and glass products . . . . .	6,798	6,787	6,484	+0.2	+4.7	-0.9	7,336	6,922	6,987	6,362	+15.3	53,376	46,685
Primary metals . . . . .	13,539	13,020	13,098	+4.0	-0.6	-1.9	12,978	11,899	13,550	10,732	+20.9	104,814	93,190
Blast furnaces, steel mills . . . . .	6,025	5,629	5,675	+7.0	-0.8	-1.4	5,870	5,107	5,851	5,112	+14.8	46,615	43,736
Iron and steel foundries . . . . .	1,204	1,225	1,250	-1.7	-2.0	+1.4	1,145	1,054	1,339	931	+23.0	9,890	8,223
Nonferrous and other primary metals . . . . .	6,310	6,166	6,173	+2.3	-0.1	-3.0	5,963	5,738	6,360	4,689	+27.2	48,309	41,231
Fabricated metal products . . . . .	15,837	15,297	15,031	+3.5	+1.8	-2.0	16,009	13,753	15,981	14,148	+13.2	120,786	109,934
Industrial machinery and equipment . . . . .	29,788	28,484	28,821	+4.6	-1.2	+3.0	27,914	24,720	32,532	22,583	+23.6	221,377	184,063
Engines and turbines . . . . .	2,517	1,696	2,015	+48.4	-15.8	+4.5	2,607	1,431	2,518	1,604	+62.5	14,300	11,578
Construction, mining and material handling equipment . . . . .	2,843	2,738	2,853	+3.8	-4.0	+3.0	2,711	2,430	3,019	2,426	+11.7	22,333	19,687
Metalworking machinery . . . . .	3,273	3,046	3,176	+7.5	-4.1	+10.0	3,103	2,538	3,389	2,479	+25.2	23,755	19,328
Computer and office equipment . . . . .	7,630	7,756	7,683	-1.6	+1.0	+0.9	6,953	6,182	9,827	5,839	+19.1	57,457	46,722
Electronic and other electrical equipment . . . . .	22,454	22,183	22,190	+1.2	0.0	+0.1	21,898	20,133	23,186	19,516	+12.2	173,712	149,051
Electrical transmission and distribution equipment and industrial apparatus . . . . .	2,604	2,613	2,593	-0.3	+0.8	+1.6	2,532	2,369	2,806	2,438	+3.9	20,887	19,111
Electric lighting and wiring equipment . . . . .	1,877	1,870	1,800	+0.4	+3.9	-0.3	1,843	1,590	1,937	1,615	+14.1	14,148	13,268
Communications equipment . . . . .	4,721	4,866	4,700	-3.0	+3.5	+6.1	4,413	4,215	5,322	3,948	+11.8	35,967	29,089
Electronic components . . . . .	8,152	7,830	7,696	+4.1	+1.7	-3.3	7,925	7,409	7,538	6,725	+17.8	63,252	52,561
Transportation equipment . . . . .	38,528	32,297	37,910	+19.3	-14.8	+2.2	35,885	23,325	41,930	29,749	+20.6	293,885	254,159
Aircraft, missiles, space vehicles, and parts . . . . .	6,975	5,466	8,043	+27.6	-32.0	-1.2	5,622	4,055	9,319	6,253	-10.1	56,707	53,327
Shipbuilding and tanks . . . . .	424	877	682	-51.7	+28.6	+32.7	406	820	742	896	-54.7	4,824	6,985
Instruments and related products . . . . .	10,777	10,922	11,508	-1.3	-5.1	+10.5	10,216	10,195	12,317	9,983	+2.3	82,403	80,766
Search and navigation equipment . . . . .	2,337	2,528	3,150	-7.6	-19.7	+50.1	1,955	2,572	3,072	2,267	-13.8	16,486	19,004
Measuring and controlling devices . . . . .	3,191	3,250	3,126	-1.8	+4.0	+1.2	3,142	2,917	3,349	2,767	+13.6	25,331	22,517
Medical instruments and supplies . . . . .	2,931	3,046	2,875	-3.8	+5.9	-0.4	2,858	2,815	3,156	2,752	+3.9	22,828	22,451
All other durable goods . . . . .	16,459	16,261	16,169	+1.2	+0.6	-2.1	16,967	15,467	17,120	15,373	+10.4	128,684	117,337
Nondurable goods industries . . . . .	132,279	129,054	128,576	+2.5	+0.4	+0.4	135,506	124,439	135,206	123,976	+9.3	1,018,644	971,401
With unfilled orders . . . . .	32,726	32,014	31,772	+2.2	+0.8	+0.3	33,597	30,659	32,322	29,912	+12.3	250,414	233,130

<sup>p</sup> Preliminary. <sup>r</sup> Revised.

<sup>1</sup> Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

(n) When new orders for a prior month are negative because of cancellations, the percentage change calculation is algebraically negative, even though there is a net dollar increase from the prior month to the current month.

Note : Estimates of manufacturers' shipments, inventories and orders are subject to survey variability and revision. Since the survey panel is not a probability sample, estimates of sampling variability cannot be calculated. Further details on survey design, methodology, and data limitation are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-1(92), "Manufacturers' Shipments, Inventories, and Orders: 1982-1992."

**Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS**  
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Aug. 94/93
	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	July- Aug.	June- July	May- June	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	Aug. 1993	
All manufacturing industries . . . . .	447,186	448,587	449,767	-0.3	-0.3	+0.3	447,696	450,852	450,531	455,434	-1.7
Manufacturing industries without defense capital goods . . . . .	335,841	336,097	335,985	-0.1	0.0	+0.3	337,691	338,575	336,882	333,994	+1.1
Durable goods industries . . . . .	423,129	424,563	425,784	-0.3	-0.3	+0.3	422,752	426,002	425,973	432,452	-2.2
Stone, clay, and glass products . . . . .	7,307	7,335	7,295	-0.4	+0.5	-2.4	7,764	7,746	7,382	7,789	-0.3
Primary metals . . . . .	25,839	25,605	25,390	+0.9	+0.8	+1.5	25,825	26,293	26,044	22,185	+16.4
Blast furnaces, steel mills . . . . .	11,017	10,901	10,978	+1.1	-0.7	+0.3	11,028	11,091	11,189	10,235	+7.7
Iron and steel foundries . . . . .	3,502	3,569	3,527	-1.9	+1.2	+2.8	3,477	3,634	3,515	2,873	+21.0
Nonferrous and other primary metals . . . . .	11,320	11,135	10,885	+1.7	+2.3	+2.2	11,320	11,568	11,340	9,077	+24.7
Fabricated metal products . . . . .	20,876	20,784	20,636	+0.4	+0.7	+0.4	20,964	20,794	20,550	21,316	-1.7
Industrial machinery and equipment . . . . .	62,968	61,597	60,366	+2.2	+2.0	+2.9	62,947	61,295	60,070	50,774	+24.0
Engines and turbines . . . . .	10,628	10,050	9,997	+5.8	+0.5	-0.2	10,754	9,876	9,647	10,089	+6.6
Construction, mining and material handling equipment . . . . .	6,591	6,615	6,644	-0.4	-0.4	+2.5	6,472	6,508	6,591	5,640	+14.8
Metalworking machinery . . . . .	9,378	9,192	9,126	+2.0	+0.7	+4.8	9,378	9,192	9,126	7,000	+34.0
Computer and office equipment . . . . .	9,960	9,699	9,121	+2.7	+6.3	+3.9	10,358	9,956	9,420	7,350	+40.9
Electronic and other electrical equipment . . . . .	45,399	46,105	46,717	-1.5	-1.3	-1.0	45,268	46,256	46,413	43,940	+3.0
Electrical transmission and distribution equipment and industrial apparatus . . . . .	5,966	6,024	6,057	-1.0	-0.5	-0.7	5,970	6,039	6,023	5,819	+2.6
Electric lighting and wiring equipment . . . . .	3,526	3,511	3,450	+0.4	+1.8	+1.4	3,526	3,511	3,450	3,198	+10.3
Communications equipment . . . . .	14,053	14,415	14,588	-2.5	-1.2	-2.1	13,982	14,405	14,544	13,585	+2.9
Electronic components . . . . .	16,309	16,507	16,698	-1.2	-1.1	-2.6	16,227	16,669	16,633	16,163	+0.4
Transportation equipment . . . . .	204,154	206,193	208,565	-1.0	-1.1	-0.3	203,292	206,162	208,834	225,150	-9.7
Aircraft, missiles, space vehicles, and parts . . . . .	175,589	177,264	180,040	-0.9	-1.5	-0.2	174,706	177,193	180,429	196,175	-10.9
Shipbuilding and tanks . . . . .	16,178	16,689	16,662	-3.1	+0.2	-3.7	16,199	16,711	16,698	20,594	-21.3
Instruments and related products . . . . .	48,613	49,048	48,994	-0.9	+0.1	+0.8	48,251	48,927	48,527	53,119	-9.2
Search and navigation equipment . . . . .	31,923	32,127	32,207	-0.6	-0.2	+2.2	31,537	31,995	31,729	35,295	-10.6
Measuring and controlling devices . . . . .	9,136	9,230	9,119	-1.0	+1.2	-1.0	9,136	9,230	9,119	9,022	+1.3
Medical instruments and supplies . . . . .	6,791	6,917	6,877	-1.8	+0.6	-1.9	6,791	6,917	6,877	7,934	-14.4
All other durable goods . . . . .	7,973	7,896	7,821	+1.0	+1.0	-0.2	8,441	8,529	8,153	8,179	+3.2
Nondurable goods industries . . . . .	24,057	24,024	23,983	+0.1	+0.2	+0.1	24,944	24,850	24,558	22,982	+8.5

<sup>p</sup> Preliminary. <sup>r</sup> Revised.

See note at end of table 2 relating to survey variability.

**Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS**  
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Aug. 94/93
	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	July-Aug.	June-July	May-June	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	Aug. 1993	
All manufacturing industries . . . . .	387,095	386,645	383,106	+0.1	+0.9	+0.2	390,627	387,563	381,411	383,681	+1.8
Manufacturing industries											
with unfilled orders . . . . .	256,862	256,034	253,888	+0.3	+0.8	0.0	260,535	258,051	253,976	254,534	+2.4
without defense capital goods . . . . .	363,080	362,164	358,626	+0.3	+1.0	+0.3	366,127	362,745	356,791	354,978	+3.1
Durable goods industries . . . . .	244,038	243,392	241,039	+0.3	+1.0	+0.2	246,679	244,142	240,275	239,697	+2.9
With unfilled orders . . . . .	223,328	222,551	220,617	+0.3	+0.9	0.0	226,374	223,970	220,417	220,531	+2.6
Stone, clay, and glass products . . . . .	7,435	7,458	7,377	-0.3	+1.1	-1.2	7,392	7,513	7,408	7,575	-2.4
Primary metals . . . . .	19,830	19,892	19,699	-0.3	+1.0	+0.5	20,071	20,002	19,540	19,556	+2.6
Blast furnaces, steel mills . . . . .	9,575	9,601	9,573	-0.3	+0.3	+0.5	9,642	9,703	9,370	9,511	+1.4
Iron and steel foundries . . . . .	1,540	1,538	1,507	+0.1	+2.1	+0.9	1,531	1,512	1,524	1,380	+10.9
Nonferrous and other primary metals . . . . .	8,715	8,753	8,619	-0.4	+1.6	+0.5	8,898	8,787	8,646	8,665	+2.7
Fabricated metal products . . . . .	23,681	23,766	23,213	-0.4	+2.4	+0.7	23,761	23,902	23,432	23,304	+2.0
Industrial machinery and equipment . . . . .	49,295	48,901	48,536	+0.8	+0.8	+0.9	49,959	48,900	47,966	46,033	+8.5
Engines and turbines . . . . .	3,697	3,633	3,592	+1.8	+1.1	-2.7	3,906	3,697	3,571	3,789	+3.1
Farm and garden machinery . . . . .	2,546	2,548	2,500	-0.1	+1.9	+6.2	2,403	2,363	2,336	2,111	+13.8
Construction, mining and material handling equipment . . . . .	5,873	5,833	5,781	+0.7	+0.9	+0.3	5,844	5,796	5,823	5,749	+1.7
Metalworking machinery . . . . .	5,706	5,638	5,559	+1.2	+1.4	+2.5	5,883	5,713	5,520	5,304	+10.9
Computer and office equipment . . . . .	11,970	11,928	11,975	+0.4	-0.4	+1.2	12,437	12,108	11,576	10,997	+13.1
Electronic and other electrical equipment . . . . .	37,731	37,158	36,452	+1.5	+1.9	+1.1	38,419	37,690	36,802	33,637	+14.2
Electrical transmission and distribution equipment and industrial apparatus . . . . .	4,489	4,463	4,391	+0.6	+1.6	+1.5	4,597	4,531	4,425	4,418	+4.1
Household appliances . . . . .	2,675	2,583	2,558	+3.6	+1.0	-0.7	2,589	2,550	2,675	2,440	+6.1
Electric lighting and wiring equipment . . . . .	2,995	2,977	2,949	+0.6	+0.9	+0.5	3,043	3,046	3,033	2,961	+2.8
Household audio and video equipment . . . . .	1,151	1,133	1,092	+1.6	+3.8	+1.6	1,265	1,234	1,165	1,233	+2.6
Communications equipment . . . . .	11,216	10,975	10,713	+2.2	+2.4	+1.1	11,421	11,089	10,728	8,795	+29.9
Electronic components . . . . .	11,824	11,689	11,435	+1.2	+2.2	+1.3	12,001	11,840	11,395	10,310	+16.4
Transportation equipment . . . . .	60,172	60,541	60,322	-0.6	+0.4	-0.9	60,814	60,296	59,471	64,491	-5.7
Motor vehicles and parts . . . . .	11,792	12,154	12,059	-3.0	+0.8	+0.2	12,029	11,874	11,513	11,700	+2.8
Aircraft, missiles, space vehicles, and parts . . . . .	44,328	44,396	44,304	-0.2	+0.2	-0.9	44,735	44,442	44,034	48,418	-7.6
Shipbuilding and tanks . . . . .	1,412	1,394	1,449	+1.3	-3.8	-8.7	1,440	1,431	1,465	1,784	-19.3
Instruments and related products . . . . .	21,983	21,926	21,983	+0.3	-0.3	-0.1	22,318	22,125	22,166	22,825	-2.2
Search and navigation equipment . . . . .	5,731	5,781	5,810	-0.9	-0.5	+0.9	5,874	5,886	5,851	5,981	-1.8
Measuring and controlling devices . . . . .	6,486	6,440	6,480	+0.7	-0.6	-0.2	6,557	6,471	6,525	6,659	-1.5
Medical instruments and supplies . . . . .	6,263	6,215	6,229	+0.8	-0.2	-0.1	6,319	6,234	6,269	6,337	-0.3
Photographic goods . . . . .	2,670	2,665	2,656	+0.2	+0.3	-2.1	2,731	2,696	2,692	3,047	-10.4
All other durable goods . . . . .	23,911	23,750	23,457	+0.7	+1.2	+0.5	23,945	23,714	23,490	22,276	+7.5
Nondurable goods industries . . . . .	143,057	143,253	142,067	-0.1	+0.8	+0.2	143,948	143,421	141,136	143,984	0.0
With unfilled orders . . . . .	33,534	33,483	33,271	+0.2	+0.6	-0.2	34,161	34,081	33,559	34,003	+0.5
Food and kindred products . . . . .	30,775	30,837	30,571	-0.2	+0.9	0.0	31,018	30,069	29,118	30,061	+3.2
Meat products . . . . .	3,488	3,551	3,483	-1.8	+2.0	+1.6	3,457	3,586	3,493	3,158	+9.5
Dairy products . . . . .	2,668	2,656	2,672	+0.5	-0.6	-1.6	2,780	2,775	2,788	2,872	-3.2
Beverages . . . . .	5,323	5,314	5,303	+0.2	+0.2	+0.1	5,233	5,245	5,283	5,228	+0.1
All other foods, except fats and oils . . . . .	17,621	17,526	17,284	+0.5	+1.4	+0.6	18,079	16,767	15,807	17,403	+3.9
Tobacco products . . . . .	5,708	5,861	5,963	-2.6	-1.7	-0.9	5,520	5,555	5,654	6,487	-14.9
Textile mill products . . . . .	9,660	9,679	9,666	-0.2	+0.1	-0.2	9,731	9,867	9,764	9,303	+4.6
Broadwoven fabrics and other textiles . . . . .	5,424	5,422	5,414	0.0	+0.1	-0.3	5,413	5,482	5,415	5,208	+3.9
Paper and allied products . . . . .	13,582	13,538	13,483	+0.3	+0.4	0.0	13,535	13,523	13,517	13,603	-0.5
Pulp, paper, and paperboard mill products . . . . .	5,628	5,664	5,707	-0.6	-0.8	-1.3	5,583	5,618	5,691	5,731	-2.6
Paperboard containers and boxes . . . . .	3,292	3,236	3,206	+1.7	+0.9	+0.8	3,285	3,259	3,215	3,176	+3.4
Miscellaneous converted paper products . . . . .	4,662	4,638	4,570	+0.5	+1.5	+1.1	4,667	4,646	4,611	4,696	-0.6
Chemicals and allied products . . . . .	34,075	34,263	33,992	-0.5	+0.8	-0.3	33,962	34,177	33,735	34,833	-2.5
Industrial chemicals . . . . .	16,031	16,119	16,019	-0.5	+0.6	-0.6	15,983	16,127	15,912	17,127	-6.7
Drugs, soaps, and toiletries . . . . .	13,676	13,768	13,596	-0.7	+1.3	+0.3	13,867	13,930	13,708	13,664	+1.5
Petroleum and coal products . . . . .	10,637	10,654	10,442	-0.2	+2.0	+1.4	10,865	10,900	10,557	11,108	-2.2
Rubber and plastics products . . . . .	12,699	12,644	12,467	+0.4	+1.4	+1.0	12,527	12,559	12,370	12,007	+4.3
All other nondurable goods . . . . .	25,921	25,777	25,483	+0.6	+1.2	+0.5	26,790	26,771	26,421	26,582	+0.8

<sup>p</sup> Preliminary. <sup>r</sup> Revised.

See note at end of table 2 relating to survey variability.

**Table 5. VALUE OF MANUFACTURERS' SHIPMENTS AND NEW ORDERS  
FOR TOPICAL SERIES<sup>1</sup>  
(Millions of dollars)**

Industry	Seasonally adjusted						Not seasonally adjusted <sup>2</sup>							
	Monthly			Percent Change			Monthly				Percent change Aug. 94/93	Year to date		
	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	July-Aug.	June-July	May-June	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	Aug. 1993		1994 <sup>p</sup>	1993	
SHIPMENTS														
All manufacturing industries . . . . .	287,860	275,485	278,566	+4.5	-1.1	+0.8	287,865	250,532	300,347	256,056	+12.4	2,188,343	2,023,338	
Market categories :														
Automotive equipment . . . . .	14,796	12,098	13,715	+22.3	-11.8	+1.4	14,259	8,565	15,033	10,883	+31.0	109,415	92,587	
Home goods and apparel . . . . .	19,231	18,867	18,841	+1.9	+0.1	-1.7	20,634	17,754	19,604	19,138	+7.8	147,014	136,217	
Consumer staples . . . . .	60,024	58,757	58,436	+2.2	+0.5	+1.4	60,853	56,445	61,363	56,990	+6.8	460,102	448,066	
Machinery and equipment . . . . .	51,046	47,275	49,431	+8.0	-4.4	+2.3	48,145	40,037	56,214	41,602	+15.7	381,468	338,525	
Business supplies . . . . .	21,546	21,223	21,038	+1.5	+0.9	+1.0	21,532	20,070	21,752	19,252	+11.8	164,222	154,099	
Construction materials and supplies . . . . .	18,413	17,956	17,663	+2.5	+1.7	-0.1	19,350	17,179	19,366	17,240	+12.2	141,623	129,922	
Defense products . . . . .	7,534	7,315	7,262	+3.0	+0.7	-0.2	7,332	6,696	7,745	7,131	+2.8	56,855	59,321	
Other materials, supplies and intermediate products . . . . .	95,270	91,994	92,180	+3.6	-0.2	+0.5	95,760	83,786	99,270	83,820	+14.2	727,644	664,601	
Durable goods industries :														
Nondefense capital goods <sup>3</sup> . . . . .	37,939	36,686	37,315	+3.4	-1.7	+3.0	35,530	31,994	43,342	31,707	+12.1	284,446	255,393	
Excluding aircraft and parts . . . . .	33,179	32,076	32,603	+3.4	-1.6	+2.3	31,183	28,018	37,643	26,172	+19.1	247,157	212,112	
Defense capital goods <sup>4</sup> . . . . .	7,117	6,838	6,860	+4.1	-0.3	+0.6	6,854	6,164	7,370	6,752	+1.5	53,295	57,142	
Durables excluding capital goods . . . . .	110,558	102,948	105,835	+7.4	-2.7	+0.3	110,069	88,227	114,389	93,475	+17.8	836,171	740,323	
Miscellaneous series :														
Producers' durable equipment . . . . .	100,518	92,690	96,602	+8.4	-4.0	+1.1	96,259	76,481	107,699	82,253	+17.0	754,512	666,798	
Household durable goods . . . . .	8,246	8,021	8,108	+2.8	-1.1	+0.1	8,455	6,993	8,371	7,647	+10.6	61,775	56,772	
Information technology industries . . . . .	17,902	17,364	17,782	+3.1	-2.4	+2.0	16,706	14,587	21,348	14,641	+14.1	132,941	114,074	
Health care equipment and products . . . . .	8,718	8,480	8,512	+2.8	-0.4	+0.1	8,609	7,837	9,129	8,079	+6.6	66,624	64,064	
NEW ORDERS														
All manufacturing industries . . . . .	286,459	274,305	279,788	+4.4	-2.0	+0.8	284,709	250,853	298,809	252,422	+12.8	2,197,681	2,006,586	
Market categories :														
Automotive equipment . . . . .	14,802	12,098	13,790	+22.4	-12.3	+1.8	14,262	8,619	15,052	10,888	+31.0	109,591	92,766	
Home goods and apparel . . . . .	18,993	18,916	18,773	+0.4	+0.8	-3.3	20,364	18,218	19,451	19,090	+6.7	149,593	138,809	
Consumer staples . . . . .	60,092	58,775	58,426	+2.2	+0.6	+1.2	60,948	56,492	61,416	56,993	+6.9	460,239	448,073	
Machinery and equipment . . . . .	50,630	47,027	50,308	+7.7	-6.5	+6.2	47,611	39,791	56,493	40,183	+18.5	382,031	326,688	
Business supplies . . . . .	21,521	21,228	20,980	+1.4	+1.2	+0.3	21,560	20,096	21,629	19,354	+11.4	164,616	153,978	
Construction materials and supplies . . . . .	18,405	18,064	17,852	+1.9	+1.2	+0.3	19,318	17,425	19,487	17,266	+11.9	143,143	130,502	
Defense products . . . . .	6,191	6,109	7,581	+1.3	-19.4	-1.7	4,879	5,392	7,843	6,269	-22.2	50,004	51,110	
Other materials, supplies and intermediate products . . . . .	95,825	92,088	92,078	+4.1	0.0	-1.0	95,767	84,820	97,438	82,379	+16.3	738,464	664,660	
Durable goods industries :														
Nondefense capital goods <sup>3</sup> . . . . .	37,629	36,310	38,055	+3.6	-4.6	+7.2	35,461	31,669	43,450	30,274	+17.1	286,049	241,365	
Excluding aircraft and parts . . . . .	34,190	33,462	34,502	+2.2	-3.0	+7.5	32,435	29,455	38,910	26,858	+20.8	257,431	213,916	
Defense capital goods <sup>4</sup> . . . . .	5,972	5,546	7,050	+7.7	-21.3	-1.8	4,582	4,792	7,280	5,762	-20.5	46,162	48,802	
Durables excluding capital goods . . . . .	110,579	103,395	106,106	+6.9	-2.6	-0.6	109,160	89,953	112,873	92,410	+18.1	846,826	745,018	
Miscellaneous series :														
Producers' durable equipment . . . . .	100,318	93,068	98,703	+7.8	-5.7	+3.4	96,215	77,669	108,579	81,802	+17.6	761,720	659,823	
Household durable goods . . . . .	8,216	8,043	8,146	+2.2	-1.3	-4.2	8,458	7,293	8,236	7,769	+8.9	63,267	58,328	
Information technology industries . . . . .	17,807	18,080	18,422	-1.5	-1.9	+7.0	16,740	15,276	21,768	14,431	+16.0	135,803	114,481	
Health care equipment and products . . . . .	8,593	8,521	8,377	+0.8	+1.7	-0.5	8,483	7,878	8,994	7,924	+7.1	65,960	63,576	

<sup>p</sup> Preliminary. <sup>r</sup> Revised.

<sup>1</sup> Topical series are regroupings of the separate industry categories.

<sup>2</sup> Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

<sup>3</sup> Nondefense capital goods industries include : ordnance and accessories; steam, gas and hydraulic turbines; internal combustion engines; construction, mining, and material handling equipment; metalworking machinery; special industry machinery; general industrial machinery; computer and office equipment; refrigeration, heating and service industry machinery; electrical transmission and distribution equipment; electrical industrial apparatus; communications equipment; aircraft, missiles, space vehicles, and engines and parts; ships and tank components; railroad equipment; and search and navigation equipment.

<sup>4</sup> Defense capital goods industries include : ordnance and accessories; communications equipment; aircraft, missiles, space vehicles, and engines and parts; ships, tanks and tank components; and search and navigation equipment.

See note at end of table 2 relating to survey variability.

**Table 6. VALUE OF MANUFACTURERS' UNFULFILLED ORDERS AND TOTAL INVENTORIES  
FOR TOPICAL SERIES<sup>1</sup>  
(Millions of dollars)**

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Aug. 94/93
	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	July- Aug.	June- July	May- June	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	Aug. 1993	
UNFULFILLED ORDERS											
All manufacturing industries . . . . .	447,186	448,587	449,767	-0.3	-0.3	+0.3	447,696	450,852	450,531	455,434	-1.7
Market categories :											
Automotive equipment . . . . .	2,074	2,068	2,068	+0.3	0.0	+3.8	2,078	2,075	2,021	1,764	+17.8
Home goods and apparel . . . . .	10,449	10,687	10,638	-2.2	+0.5	-0.6	11,242	11,512	11,048	11,182	+0.5
Consumer staples . . . . .	1,573	1,506	1,488	+4.4	+1.2	-0.7	1,613	1,519	1,472	1,446	+11.5
Machinery and equipment . . . . .	180,883	181,300	181,547	-0.2	-0.1	+0.5	180,788	181,321	181,567	185,668	-2.6
Business supplies . . . . .	5,661	5,685	5,681	-0.4	+0.1	-1.0	5,761	5,734	5,707	5,568	+3.5
Construction materials and supplies . . . . .	15,111	15,119	15,011	-0.1	+0.7	+1.3	15,394	15,427	15,181	14,907	+3.3
Defense products . . . . .	105,480	106,822	108,028	-1.3	-1.1	+0.3	104,059	106,512	107,815	115,125	-9.6
Other materials, supplies and and intermediate products . . . . .	125,955	125,400	125,306	+0.4	+0.1	-0.1	126,761	126,752	125,720	119,774	+5.8
Durable goods industries :											
Nondefense capital goods <sup>3</sup> . . . . .	198,984	199,294	199,670	-0.2	-0.2	+0.4	198,940	199,009	199,334	203,156	-2.1
Excluding aircraft and parts . . . . .	85,976	84,965	83,579	+1.2	+1.7	+2.3	85,932	84,680	83,243	72,064	+19.2
Defense capital goods <sup>4</sup> . . . . .	111,345	112,490	113,782	-1.0	-1.1	+0.2	110,005	112,277	113,649	121,440	-9.4
Durables excluding capital goods . . . . .	112,800	112,779	112,332	0.0	+0.4	+0.2	113,807	114,716	112,990	107,856	+5.5
Miscellaneous series :											
Producers' durable equipment . . . . .	212,737	212,937	212,559	-0.1	+0.2	+1.0	213,351	213,395	212,207	211,399	+0.9
Household durable goods . . . . .	5,890	5,920	5,898	-0.5	+0.4	+0.6	6,327	6,324	6,024	5,982	+5.8
Information technology industries . . . . .	34,537	34,632	33,916	-0.3	+2.1	+1.9	34,948	34,914	34,225	31,523	+10.9
Health care equipment and products . . . . .	6,822	6,948	6,907	-1.8	+0.6	-1.9	6,823	6,949	6,907	7,964	-14.3
TOTAL INVENTORIES											
All manufacturing industries . . . . .	387,095	386,645	383,106	+0.1	+0.9	+0.2	390,627	387,563	381,411	383,681	+1.8
Market categories :											
Automotive equipment . . . . .	6,148	6,246	6,119	-1.6	+2.1	+0.4	6,179	6,065	5,897	6,180	0.0
Home goods and apparel . . . . .	31,628	31,255	30,928	+1.2	+1.1	+0.6	32,230	32,162	32,113	31,059	+3.8
Consumer staples . . . . .	58,415	58,643	58,137	-0.4	+0.9	+0.2	58,977	58,066	56,798	59,148	-0.3
Machinery and equipment . . . . .	93,796	92,948	91,950	+0.9	+1.1	+0.4	94,797	92,835	91,183	88,641	+6.9
Business supplies . . . . .	21,209	21,313	20,918	-0.5	+1.9	-0.6	21,620	21,553	20,898	21,828	-1.0
Construction materials and supplies . . . . .	24,776	24,759	24,510	+0.1	+1.0	+0.7	24,760	24,887	24,715	23,605	+4.9
Defense products . . . . .	23,157	23,567	23,607	-1.7	-0.2	-1.4	23,581	23,881	23,706	27,059	-12.9
Other materials, supplies and and intermediate products . . . . .	127,966	127,914	126,937	0.0	+0.8	+0.2	128,483	128,114	126,101	126,161	+1.8
Durable goods industries :											
Nondefense capital goods <sup>3</sup> . . . . .	88,572	87,608	86,907	+1.1	+0.8	+0.4	89,793	87,884	86,267	83,521	+7.5
Excluding aircraft and parts . . . . .	61,634	61,018	60,338	+1.0	+1.1	+0.8	62,798	61,477	60,087	56,825	+10.5
Defense capital goods <sup>4</sup> . . . . .	24,015	24,481	24,480	-1.9	0.0	-1.9	24,500	24,818	24,620	28,703	-14.6
Durables excluding capital goods . . . . .	131,451	131,303	129,652	+0.1	+1.3	+0.5	132,386	131,440	129,388	127,473	+3.9
Miscellaneous series :											
Producers' durable equipment . . . . .	150,128	149,313	147,461	+0.5	+1.3	+0.4	151,872	149,386	146,779	143,507	+5.8
Household durable goods . . . . .	13,963	13,729	13,559	+1.7	+1.3	+0.4	14,276	14,004	13,886	13,786	+3.6
Information technology industries . . . . .	33,050	32,722	32,560	+1.0	+0.5	+0.8	33,872	33,090	32,256	30,558	+10.8
Health care equipment and products . . . . .	13,694	13,694	13,615	0.0	+0.6	+0.1	13,850	13,800	13,713	13,750	+0.7

See footnotes at end of table 5.

See note at end of table 2 relating to survey variability.

**Table 7. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION,  
BY INDUSTRY GROUP**  
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Aug. 94/93
	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	July- Aug.	June- July	May- June	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	Aug. 1993	
MATERIALS AND SUPPLIES											
All manufacturing industries . . . . .	124,102	123,776	122,764	+0.3	+0.8	+0.5	124,936	123,788	121,883	121,623	+2.7
Durable goods industries . . . . .	72,050	71,732	70,763	+0.4	+1.4	+0.8	73,056	71,774	70,139	69,389	+5.3
Stone, clay, and glass products . . . . .	2,544	2,542	2,524	+0.1	+0.7	-2.2	2,562	2,553	2,525	2,528	+1.3
Primary metals . . . . .	6,043	6,030	6,021	+0.2	+0.1	-0.2	6,143	6,079	5,965	6,209	-1.1
Fabricated metal products . . . . .	7,979	8,061	7,932	-1.0	+1.6	+1.0	8,039	8,088	7,939	7,811	+2.9
Industrial machinery and equipment . . . . .	16,317	15,911	15,532	+2.6	+2.4	+1.8	16,622	15,903	15,414	14,452	+15.0
Electronic and other electrical equipment . . . . .	12,222	12,063	11,806	+1.3	+2.2	+1.7	12,404	12,204	11,771	10,683	+16.1
Transportation equipment . . . . .	10,763	11,026	10,965	-2.4	+0.6	+0.2	10,967	10,921	10,788	11,982	-8.5
Instruments and related products . . . . .	6,732	6,698	6,680	+0.5	+0.3	-0.6	6,805	6,717	6,722	6,839	-0.5
Lumber, furniture and miscellaneous durable goods . . . . .	9,450	9,401	9,303	+0.5	+1.1	+0.7	9,514	9,309	9,015	8,885	+7.1
Nondurable goods industries . . . . .	52,052	52,044	52,001	0.0	+0.1	+0.1	51,880	52,014	51,744	52,234	-0.7
Food and kindred products . . . . .	9,968	9,918	10,045	+0.5	-1.3	+1.3	9,707	9,701	9,875	9,808	-1.0
Tobacco products . . . . .	4,898	4,985	5,068	-1.7	-1.6	-0.9	4,705	4,712	4,829	5,102	-7.8
Textile mill products . . . . .	2,796	2,778	2,757	+0.6	+0.8	-1.0	2,819	2,867	2,795	2,631	+7.1
Paper and allied products . . . . .	6,756	6,685	6,631	+1.1	+0.8	-0.4	6,739	6,659	6,601	6,720	+0.3
Chemicals and allied products . . . . .	11,230	11,274	11,173	-0.4	+0.9	-0.9	11,281	11,351	11,192	11,464	-1.6
Petroleum and coal products . . . . .	3,031	3,054	3,089	-0.8	-1.1	+2.1	3,102	3,124	3,151	3,149	-1.5
Rubber and plastics products . . . . .	4,705	4,671	4,588	+0.7	+1.8	+0.9	4,650	4,683	4,517	4,343	+7.1
Apparel, printing and publishing and leather goods . . . . .	8,668	8,679	8,650	-0.1	+0.3	+0.2	8,877	8,917	8,784	9,017	-1.6
WORK IN PROCESS											
All manufacturing industries . . . . .	130,255	130,419	129,760	-0.1	+0.5	+0.7	131,760	130,863	128,762	130,947	+0.6
Durable goods industries . . . . .	106,401	106,531	106,108	-0.1	+0.4	+0.6	107,816	106,930	105,479	107,568	+0.2
Stone, clay, and glass products . . . . .	1,035	1,045	1,043	-1.0	+0.2	-0.9	1,046	1,065	1,057	1,126	-7.1
Primary metals . . . . .	7,512	7,552	7,389	-0.5	+2.2	+1.7	7,643	7,612	7,320	7,211	+6.0
Fabricated metal products . . . . .	7,656	7,706	7,478	-0.6	+3.0	+0.1	7,736	7,732	7,432	7,727	+0.1
Industrial machinery and equipment . . . . .	19,030	19,023	19,403	0.0	-2.0	+4.2	19,310	18,995	19,081	18,560	+4.0
Electronic and other electrical equipment . . . . .	15,373	15,308	15,082	+0.4	+1.5	+1.1	15,678	15,487	15,113	14,221	+10.2
Transportation equipment . . . . .	41,516	41,589	41,441	-0.2	+0.4	-1.1	41,804	41,524	41,060	44,094	-5.2
Instruments and related products . . . . .	9,196	9,269	9,329	-0.8	-0.6	+0.2	9,441	9,433	9,415	9,932	-4.9
Lumber, furniture and miscellaneous durable goods . . . . .	5,083	5,039	4,943	+0.9	+1.9	-0.2	5,158	5,082	5,001	4,697	+9.8
Nondurable goods industries . . . . .	23,854	23,888	23,652	-0.1	+1.0	+1.1	23,944	23,933	23,283	23,379	+2.4
Food and kindred products . . . . .	4,063	4,126	4,116	-1.5	+0.2	+2.0	3,745	3,875	3,832	3,512	+6.6
Tobacco products . . . . .	178	173	171	+2.9	+1.2	+2.4	144	127	126	144	0.0
Textile mill products . . . . .	2,567	2,607	2,571	-1.5	+1.4	0.0	2,575	2,641	2,558	2,495	+3.2
Paper and allied products . . . . .	1,194	1,196	1,201	-0.2	-0.4	-1.1	1,218	1,224	1,228	1,247	-2.3
Chemicals and allied products . . . . .	5,499	5,519	5,504	-0.4	+0.3	+0.4	5,551	5,551	5,458	5,828	-4.8
Petroleum and coal products . . . . .	2,320	2,322	2,271	-0.1	+2.2	+0.7	2,395	2,389	2,303	2,645	-9.5
Rubber and plastics products . . . . .	1,850	1,854	1,829	-0.2	+1.4	+2.2	1,847	1,822	1,770	1,724	+7.1
Apparel, printing and publishing and leather goods . . . . .	6,183	6,091	5,989	+1.5	+1.7	+1.6	6,469	6,304	6,008	5,784	+11.8
FINISHED GOODS											
All manufacturing industries . . . . .	132,738	132,450	130,582	+0.2	+1.4	-0.5	133,931	132,912	130,766	131,111	+2.2
Durable goods industries . . . . .	65,587	65,129	64,168	+0.7	+1.5	-1.0	65,807	65,438	64,657	62,740	+4.9
Stone, clay, and glass products . . . . .	3,856	3,871	3,810	-0.4	+1.6	-0.7	3,784	3,895	3,826	3,921	-3.5
Primary metals . . . . .	6,275	6,310	6,289	-0.6	+0.3	-0.1	6,285	6,311	6,255	6,136	+2.4
Fabricated metal products . . . . .	8,046	7,999	7,803	+0.6	+2.5	+0.8	7,986	8,082	8,061	7,766	+2.8
Industrial machinery and equipment . . . . .	13,948	13,967	13,601	-0.1	+2.7	-4.5	14,027	14,002	13,471	13,021	+7.7
Electronic and other electrical equipment . . . . .	10,136	9,787	9,564	+3.6	+2.3	+0.2	10,337	9,999	9,918	8,733	+18.4
Transportation equipment . . . . .	7,893	7,926	7,916	-0.4	+0.1	-1.0	8,043	7,851	7,623	8,415	-4.4
Instruments and related products . . . . .	6,055	5,959	5,974	+1.6	-0.3	0.0	6,072	5,975	6,029	6,054	+0.3
Lumber, furniture and miscellaneous durable goods . . . . .	9,378	9,310	9,211	+0.7	+1.1	+0.5	9,273	9,323	9,474	8,694	+6.7
Nondurable goods industries . . . . .	67,151	67,321	66,414	-0.3	+1.4	-0.1	68,124	67,474	66,109	68,371	-0.4
Food and kindred products . . . . .	16,744	16,793	16,410	-0.3	+2.3	-1.2	17,566	16,493	15,411	16,741	+4.9
Tobacco products . . . . .	632	703	724	-10.1	-2.9	-1.6	671	716	699	1,241	-45.9
Textile mill products . . . . .	4,297	4,294	4,338	+0.1	-1.0	+0.3	4,337	4,359	4,411	4,177	+3.8
Paper and allied products . . . . .	5,632	5,657	5,651	-0.4	+0.1	+0.7	5,578	5,640	5,688	5,636	-1.0
Chemicals and allied products . . . . .	17,346	17,470	17,315	-0.7	+0.9	-0.1	17,130	17,275	17,085	17,541	-2.3
Petroleum and coal products . . . . .	5,286	5,278	5,082	+0.2	+3.9	+1.3	5,368	5,387	5,103	5,314	+1.0
Rubber and plastics products . . . . .	6,144	6,119	6,050	+0.4	+1.1	+0.6	6,030	6,054	6,083	5,940	+1.5
Apparel, printing and publishing and leather goods . . . . .	11,070	11,007	10,844	+0.6	+1.5	+0.1	11,444	11,550	11,629	11,781	-2.9

<sup>p</sup> Preliminary. <sup>r</sup> Revised.

See note at end of table 2 relating to survey variability.



**Table 8. RATIOS OF MANUFACTURES' INVENTORIES TO SHIPMENTS AND UNFULFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP**  
(Based on seasonally adjusted data)

Industry	Inventory / Shipments ratio				Unfilled Orders / Shipments ratio <sup>1</sup>			
	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	May 1994	Aug. 1994 <sup>p</sup>	July 1994 <sup>r</sup>	June 1994	May 1994
All manufacturing industries . . . . .	1.34	1.40	1.38	1.38	2.89	2.99	2.98	3.01
Durable goods industries . . . . .	1.57	1.66	1.61	1.62	3.47	3.60	3.58	3.60
Stone, clay, and glass products . . . . .	1.09	1.11	1.11	1.13	1.14	1.16	1.17	1.22
Primary metals . . . . .	1.49	1.55	1.55	1.55	1.94	2.00	1.99	1.98
Fabricated metal products . . . . .	1.50	1.57	1.55	1.53	1.44	1.49	1.49	1.47
Industrial machinery and equipment . . . . .	1.73	1.79	1.79	1.79	2.38	2.42	2.37	2.33
Electronic and other electrical equipment . . . . .	1.63	1.63	1.61	1.61	1.96	2.02	2.06	2.11
Transportation equipment . . . . .	1.48	1.75	1.56	1.62	10.64	11.53	10.92	11.31
Instruments and related products . . . . .	1.96	2.02	1.98	1.99	4.34	4.51	4.41	4.40
Nondurable goods industries . . . . .	1.08	1.11	1.11	1.11	0.74	0.75	0.76	0.76
Food and kindred products . . . . .	0.86	0.88	0.86	0.88	(X)	(X)	(X)	(X)
Tobacco products . . . . .	2.02	2.11	2.45	2.38	(X)	(X)	(X)	(X)
Textile mill products . . . . .	1.55	1.56	1.55	1.56	(NA)	(NA)	(NA)	(NA)
Paper and allied products . . . . .	1.16	1.19	1.20	1.21	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products . . . . .	1.18	1.22	1.21	1.22	(X)	(X)	(X)	(X)
Petroleum and coal products . . . . .	0.83	0.86	0.86	0.87	(X)	(X)	(X)	(X)
Rubber and plastics products . . . . .	1.31	1.36	1.33	1.31	(X)	(X)	(X)	(X)

<sup>p</sup> Preliminary. <sup>r</sup> Revised. (X) Not applicable. (NA) Not available.

<sup>1</sup> Excludes the following industries with no unfilled orders : Wood and lumber products; glass containers; metal cans, barrels and drums; farm and garden machinery; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; knitting mill products; apparel and related products; chemicals; petroleum and coal products; and rubber and plastics products.

**Table 9. REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES**  
(Based on seasonally adjusted data)

Industry	Shipments			New orders			Unfilled orders			Inventories		
	Aug. <sup>1</sup> 1994	Aug. <sup>2</sup> 1989-1993	Aug. 1993-July 1994	Aug. <sup>1</sup> 1994	Aug. <sup>2</sup> 1989-1993	Aug. 1993-July 1994	Aug. <sup>1</sup> 1994	Aug. <sup>2</sup> 1989-1993	Aug. 1993-July 1994	Aug. <sup>1</sup> 1994	Aug. <sup>2</sup> 1989-1993	Aug. 1993-July 1994
All manufacturing industries . . . . .	(X)	0.2	0.2	(X)	0.2	0.2	(X)	0.1	0.1	(X)	0.0	0.0
Durable goods industries . . . . .	0.1	0.3	0.3	0.1	0.3	0.3	0.0	0.1	0.1	(X)	0.0	0.1
Stone, clay, and glass products . . . . .	(X)	0.4	0.7	(X)	0.9	1.5	(X)	0.5	0.9	(X)	0.1	0.2
Primary metals . . . . .	0.0	0.3	0.4	-0.8	0.6	0.8	-0.4	0.3	0.4	(X)	0.1	0.1
Fabricated metal products . . . . .	(X)	0.2	0.4	(X)	0.5	0.5	(X)	0.3	0.3	(X)	0.1	0.3
Industrial machinery and equipment . . . . .	0.4	0.4	0.5	0.6	0.6	0.7	0.0	0.1	0.2	(X)	0.1	0.1
Electronic and other electrical equipment . . . . .	0.0	0.2	0.3	0.0	0.6	0.6	0.0	0.2	0.3	(X)	0.1	0.2
Transportation equipment . . . . .	0.1	1.0	0.5	0.2	0.8	0.7	0.0	0.2	0.1	(X)	0.0	0.2
Instruments and related products . . . . .	(X)	0.4	0.5	(X)	0.8	2.1	(X)	0.2	0.4	(X)	0.1	0.3
Nondurable goods industries . . . . .	(X)	0.1	0.2	(X)	0.1	0.2	(X)	0.3	0.4	(X)	0.0	0.1
Food and kindred products . . . . .	(X)	0.1	0.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.1
Tobacco products . . . . .	(X)	0.2	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.0
Textile mill products . . . . .	(X)	0.3	0.4	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.2	0.2
Paper and allied products . . . . .	(X)	0.1	0.2	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.0	0.1
Chemicals and allied products . . . . .	(X)	0.2	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.2
Petroleum and coal products . . . . .	(X)	0.3	0.5	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.4	0.4
Rubber and plastics products . . . . .	(X)	0.3	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.1
Capital goods industries :												
Nondefense . . . . .	0.4	0.7	0.5	0.6	0.6	0.5	0.0	0.2	0.1	(X)	0.0	0.1
Defense . . . . .	-0.1	0.7	0.4	-0.2	2.9	6.1	0.0	0.2	0.3	(X)	0.1	0.2

(X) Not applicable. (NA) Not available.

Note : The five year and the twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change revisions for the durable goods industries are shown in the advance report for the month.

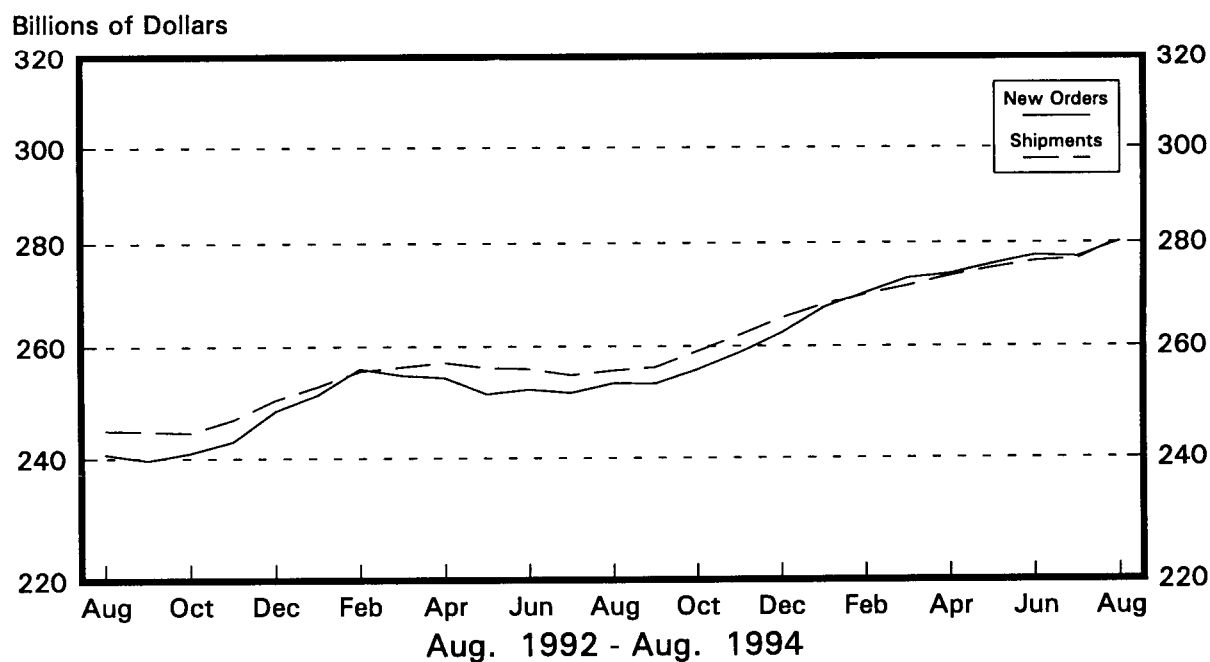
<sup>1</sup> The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

<sup>2</sup> Average for this month for the last five years.

See note at end of table 2 relating to survey variability.

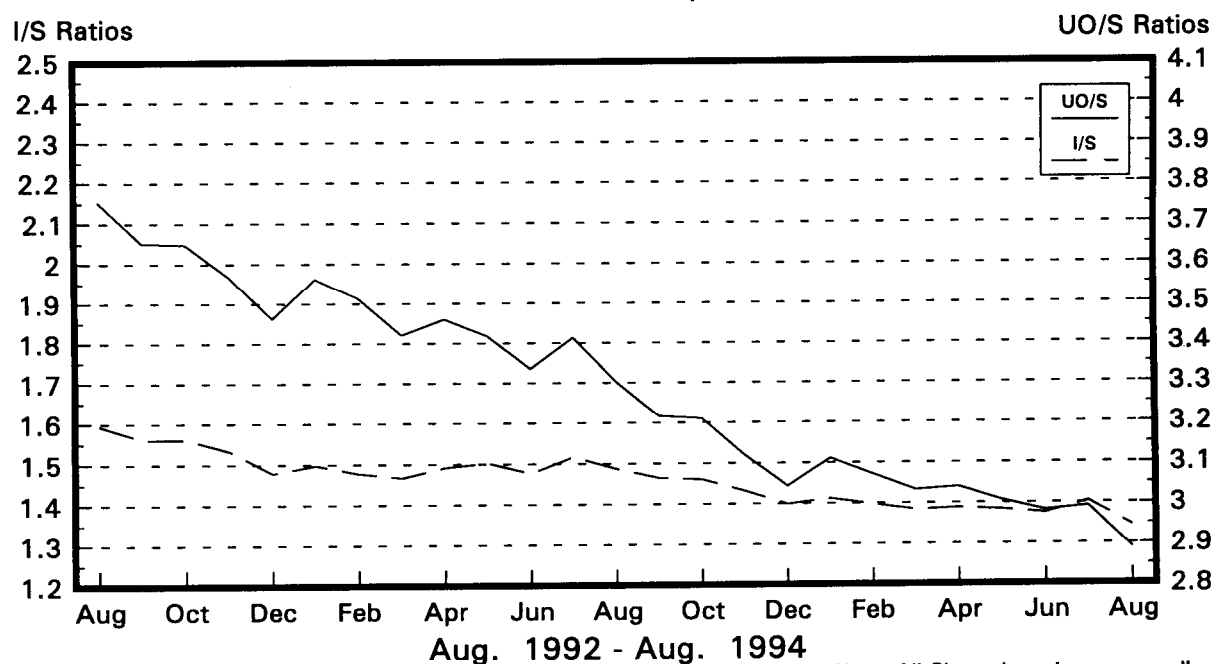
## Total Manufacturing

New Orders and Shipments  
Three Month Moving Averages



## Total Manufacturing

Ratio of Unfilled Orders and  
Inventories to Shipments



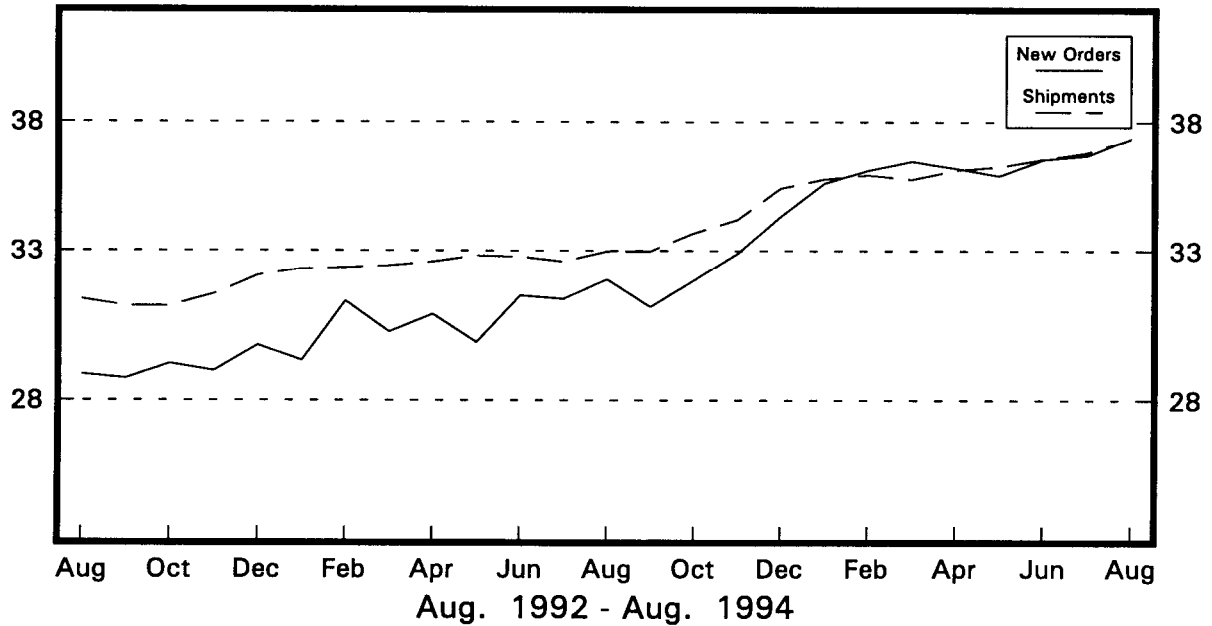
Note: All Charts based on seasonally  
adjusted current dollars.

# Nondefense Capital Goods

11

New Orders and Shipments  
Three Month Moving Averages

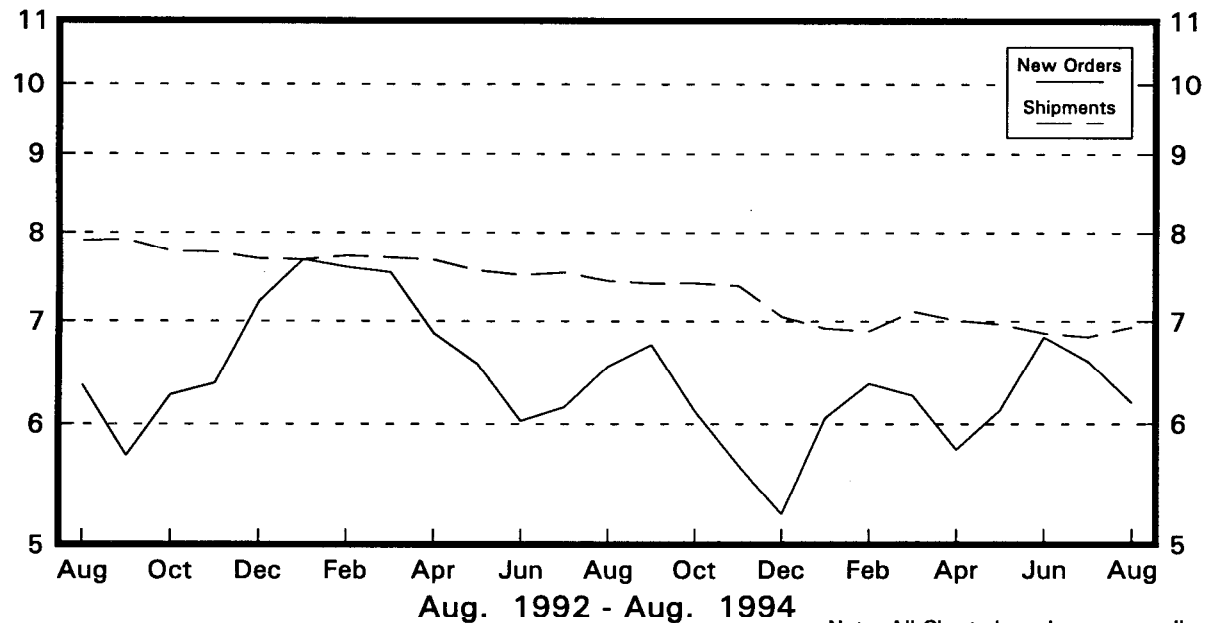
Billions of Dollars



# Defense Capital Goods

New Orders and Shipments  
Three Month Moving Averages

Billions of Dollars



Note: All Charts based on seasonally adjusted current dollars.